

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

\* \* \* \* \*

In the Matter of:

AN EXAMINATION BY THE PUBLIC SERVICE	)	
COMMISSION OF THE APPLICATION OF THE	)	
FUEL ADJUSTMENT CLAUSE OF KENTUCKY	)	CASE NO. 8058-A
POWER COMPANY FROM NOVEMBER 1, 1980,	)	
TO APRIL 30, 1981	)	

O R D E R

Pursuant to 807 KAR 5:056E, Section 1(11), the Public Service Commission hereby ORDERS that Kentucky Power Company appear at the Commission's offices in Frankfort, Kentucky, on August 5, 1981, at 10:00 a.m., Eastern Daylight Time, for the purpose of an examination of its application of the fuel adjustment clause for the period November 1, 1980, to April 30, 1981.

IT IS FURTHER ORDERED that Kentucky Power Company shall give notice of the date, time, place and purpose of the hearing pursuant to the notice provisions of 807 KAR 5:011E, Section 8(b).

IT IS FURTHER ORDERED that Kentucky Power Company shall respond to the Interrogatories in attached Appendix A on or before July 17, 1981, and shall provide a copy of the responses to the Consumer Intervention Division of the Attorney General's Office, 209 St. Clair Street, Frankfort, Kentucky 40601.



## APPENDIX A

1. Provide for each unit, plant, and the system, as appropriate, the operating statistics and costs reflected on Format 1 for the period November 1, 1980, through April 30, 1981.
2. Provide the data in Format 2 for scheduled, actual, and forced outages by month for six months ended April 30, 1981.
3. For each Long-Term Coal Contract, provide the following information for the six months ended April 30, 1981:
  - a. Tons received
  - b. Contract requirements
  - c. % of annual requirements
4. Provide a detailed list of adjustments to Inventory for the period November 1, 1980, through April 30, 1981, together with a detailed explanation of all factors which resulted in each adjustment being required.
5. Provide by month a Billing Summary for sales to all KPSC jurisdictional companies for the period November 1, 1980, through April 30, 1981.

NOTE: Reference should be made to "Glossary of Electric Utility Terms" EEI Publication 70-40 or to 807 KAR 5:056E, as appropriate, for definitions of terms used in the preceding requests.

Long-Term Coal Contract is any coal contract that extends over a period in excess of one year from its effective date.

Company Name: \_\_\_\_\_

Station Name - Unit Number: \_\_\_\_\_

For the Months of \_\_\_\_\_ Through \_\_\_\_\_

Line No.	Item Description	Nov.	Dec.	Jan.	Feb.	Mar.	April
1.	Unit Performance:						
	a. Capacity (name plate rating)						
	b. Capacity (average load)						
	c. Capacity Factor (L1b + L1a)						
2.	Heat Rate:						
	a. BTU's Consumed						
	b. Net Generation						
	c. Heat Rate (L2a + L2b)						
3.	Operating Availability:						
	a. Hours Available						
	b. Hours During the Period						
	c. Availability Factor (L3a + L3b)						
4.	Analysis of Coal Costs:						
	a. Delivered Cost per Ton						
	b. Delivered Cost per MBTU						
	c. Cost of Fuel Consumed per MBTU (FAC Basis)						
	d. Delivered BTU per lb.						
	e. Mine Cost per MBTU						
5.	Cost per KWH:						
	a. Gross Generation - FAC Basis						
	b. Net Generation - FAC Basis						
6.	Inventory Analysis:						
	a. Number of Days Supply:						
	(1) Maximum Burn						
	(2) Actual Burn						
	b. Actual Monthly Purchases (Tons):						
	(1) Long-Term Contract (in excess of one year)						
	(2) Spot Market						

	MAINTENANCE				HOURS OF DURATION		REASON FOR DEVIATIONS FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled From	Scheduled To	Actual 1/ From	Actual 1/ To	Scheduled	Forced Actual	
NORTH							

1/ Report dates of forced outage in column headed Actual.

INSTRUCTIONS FOR APPENDIX "B" - FORMAT 1

1. Report the station name and the name(s) of the individual long term contract or spot market suppliers as shown in Column (a).
2. Report the data in columns (b) through (p) for each supplier listed in column (a).
3. The weighted average BTU per pound to be reported in column (f) is computed by dividing total BTU purchased by total pounds purchased.
4. The weighted average number of MMBTU to be reported in column (g) is computed as follows:  
$$(2,000 \times \text{weighted average BTU per pound}) \div 1,000,000$$
5. The weighted average price per ton to be reported in column (h) is computed by dividing the cost of all tons purchased by total tons purchased.
6. The cents per MMBTU and the weighted average cents per MMBTU is computed by dividing column (h) by column (g) and multiplying by 100.
7. The weighted average transportation cost per ton to be reported in column (j) is computed by dividing total transportation cost of all tons purchased by total tons purchased.
8. The cents per MMBTU and the weighted average cents per MMBTU reported in column (k) is computed by dividing column (j) by column (g) and multiplying by 100.

9. The delivered price per ton and the weighted average delivered price per ton to be reported in column (l) is the sum of column (h) and column (j).
10. The delivered cents per MMBTU and the weighted average delivered cents per MMBTU to be reported in column (m) is the sum of column (i) and column (k).
11. Note:
- $\text{SO}_2$  = Sulphur content (column (n))
  - $\text{H}_2\text{O}$  = Moisture content (column (p))
  - Round the number of MMBTU and the weighted average number of MMBTU to the nearest one thousandth of an MMBTU. (column (g))
  - Round the cents per MMBTU and the weighted average cents per MMBTU to the nearest one hundredth of a cent (columns (i), (k), and (m))
  - Round the tons purchased to the nearest ton. (column (e))
  - Round the price per ton and the weighted average price per ton to the nearest cent. (columns (h), (j), and (l))
  - Round the percent of  $\text{SO}_2$ , Ash and  $\text{H}_2\text{O}$  to the nearest one hundredth of a percent. (columns (n), (o), and (p))

Company Name  
Analysis of Other Fuel Purchases  
For the Month of \_\_\_\_\_

APPENDIX "B"  
FORMAT 2

	P B D U	P O C N	M T	Station Name	Gal. or Cu. Ft. Purchased	BTU Per Unit	Delivered Cost	c Per MMBTU	<sup>2</sup> SO <sub>2</sub>
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
<u>Fuel &amp; Supplier</u>									
<u>Oil</u>									
L Supplier									
M Supplier									
Total Oil									
<u>Natural Gas</u>									
Q Supplier									
R Supplier									
Total Natural Gas									

(b) Designated by Symbol

P = Producer  
B = Broker  
D = Distributor  
U = Utility

(c) POCN = Purchase Order  
or Contract Number

(d) MT = Mode of Transportation  
Designated by Symbol

R = Rail  
B = Barge  
T = Truck  
P = Pipeline



APPENDIX "B"  
FORMAT 1

Station & Supplier	P B D U	P O C N	M T	Tons Purchased	BTU Per Lb.	No. MMBTU Per Ton	F.O.B. Mine Price Per Ton	¢ Per MMBTU	Trans. Cost Per Ton	¢ Per MMBTU	Delivered Cost Per Ton	¢ Per MMBTU	Z SO <sub>2</sub>	Ash	% H <sub>2</sub> O
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)
Station Name															
Long Term Contract (LTC):															
X Supplier															
Y Supplier															
Weighted Average (LTC)															
Spot Market (SM):															
A Supplier															
B Supplier															
Weighted Average (SM)															
Station-Weighted Average															
Station Name															
Long Term Contract (LTC):															
J Supplier															
K Supplier															
Weighted Average (LTC)															
Spot Market (SM):															
F Supplier															
G Supplier															
Weighted Average (SM)															
Station-Weighted Average															
Total System-Weighted Average															

(b) Designated by Symbol  
P = Producer    D = Distributor  
B = Broker      U = Utility

(c) POCN = Purchase Order  
or Contract Number

(d) MT = Mode of Transportation  
Designated by Symbol  
R = Rail          T = Truck  
W = Water        B = Barge